



PATENT ABSTRACTS OF JAPAN

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H01M 8/06(21) Application number: **11009253**(71) Applicant: **NISSAN MOTOR CO LTD**(22) Date of filing: **18.01.99**(72) Inventor: **IIO MASATOSHI**(54) **FUEL CELL SYSTEM AND WATER COLLECTION METHOD**

condenser 5.

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(57) Abstract:

PROBLEM TO BE SOLVED: To provide a fuel cell system allowing effective collection of pure water required in the system.

SOLUTION: This fuel cell system has a fuel cell 3, a hydrogen supply system 1 for supplying a hydrogen-containing gas to the fuel cell 3, an oxygen supply system 7 for supplying an oxygen-containing gas to the fuel cell 3, a condenser 5 provided in an exhaust passage from the fuel cell 3, water tank 8 for storing water to be supplied in the system, a sensor 9 and a controller 10. The sensor 9 detects a changing amount of water stored in the water tank 8. When the change amount of the stored water detected by the sensor 9 becomes within a prescribed range, the controller 10 outputs a signal for increasing a pressure of the water-containing gas fed to the

